

10/040,173
Appl. No. 10/040,173
 Amendment and/or Response
 Reply to Office action of 4 October 2005

RECEIVED
 CENTRAL FAX CENTER

Page 1 of 19

JAN 30 2006

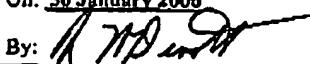
**IN THE UNITED STATES
 PATENT AND TRADEMARK OFFICE**

Appl. No.

10/040,173
10/040,174

Applicant(s) : VAIDYANATHAN et al.
 Filed : 23 Oct 2001
 TC/A.U. : 2638
 Examiner : FAN, Chieh M.
 Atty. Docket : US-010520

CERTIFICATE OF MAILING OR
 TRANSMISSION

I certify that this correspondence is being:
 deposited with the U.S. Postal Service with sufficient postage as first-class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.
 transmitted by facsimile to the U.S. Patent and Trademark Office at 571-273-8300.
 On: 30 January 2006
 By: 

**Title: METHOD TO IMPROVE ATSC-VSB TRANSCEIVER PERFORMANCE
 EMPLOYING A TIME-FREQUENCY WAVEFORM PROCESSOR**

AMENDMENT and/or RESPONSE under 37 C.F.R. § 1.111

Mail Stop Amendment
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Sir:

In response to the non-final Office action of 4 October 2005, please amend the above referenced application as follows and/or reconsider the application in light of the following remarks.

This paper includes (each beginning on a separate sheet):

1. Amendments to and/or listing of the claims;
2. Remarks / Discussion of issues;
3. Extension of Time (1 month);
4. Credit Card Authorization (\$120).